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-	119096	overflow or over-flow or underflow or under-flow	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 08:19
-	376974	multiplication or arithmetic or multiplying or multiply or multiplier\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/05 14:07
-	21774	708/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/05 14:07

-	34048	fixed-point\$1 or (fix\$3 adj point\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/05 14:07
-	1107	(overflow or over-flow or underflow or under-flow) and (multiplication or arithmetic or multiplying or multiply or multiplier\$1) and (fixed-point\$1 or (fix\$3 adj point\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/05 14:07
-	286	((overflow or over-flow or underflow or under-flow) and (multiplication or arithmetic or multiplying or multiply or multiplier\$1) and (fixed-point\$1 or (fix\$3 adj point\$1))) and 708/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/05 14:08
-	84	((11.ti. or 11.ab. or 11.clm.) and (((overflow or over-flow or underflow or under-flow) and (multiplication or arithmetic or multiplying or multiply or multiplier\$1) and (fixed-point\$1 or (fix\$3 adj point\$1))) and 708/\$.ccls.))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/05 14:08
-	17	((11.ti. or 11.ab. or 11.clm.) and (((overflow or over-flow or underflow or under-flow) and (multiplication or arithmetic or multiplying or multiply or multiplier\$1) and (fixed-point\$1 or (fix\$3 adj point\$1))) and 708/\$.ccls.))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/05 14:22
-	84	and (14.ti. or 14.ab. or 14.clm.) 708/552.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/05 14:38
-	286	(overflow or over-flow or underflow or under-flow) and (multiplication or arithmetic or multiplying or multiply or multiplier\$1) and 708/\$.ccls. and (fixed-point\$1 or (fix\$3 adj point\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/05 14:38
-	269	((overflow or over-flow or underflow or under-flow) and (multiplication or arithmetic or multiplying or multiply or multiplier\$1) and 708/\$.ccls. and (fixed-point\$1 or (fix\$3 adj point\$1))) not 708/552.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/05 14:39
-	6	("5053987"   "5513362"   "5757687"   "5764549"   "5768169"   "5808926").PN.	USPAT	2003/09/05 14:52
-	6	5943249.URPN.	USPAT	2003/09/05 14:52
-	15	4282581.URPN.	USPAT	2003/09/05 14:53
-	4	("3016193"   "3017090"   "3290493"   "3789206").PN.	USPAT	2003/09/05 14:53
-	4	("4467444"   "4484259"   "4534010"   "4700324").PN.	USPAT	2003/09/05 14:54
-	19	4811268.URPN.	USPAT	2003/09/05 14:54
-	1	5907498.URPN.	USPAT	2003/09/05 14:56
-	5	("4811268"   "5231600"   "5260890"   "5508951"   "5745397").PN.	USPAT	2003/09/05 14:56
-	5	("5251166"   "5402368"   "5448509"   "5504697"   "5508951").PN.	USPAT	2003/09/05 14:57
-	8	5847978.URPN.	USPAT	2003/09/05 14:57
-	43	708/498.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/26 15:30

-	35	(overflow or over-flow or (over adj flow)) and 708/498.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/26 15:57
-	22202	708/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/26 15:47
-	141	708/\$.ccls. and (saturat\$3 or (overflow or over-flow or (over adj flow))) and clamp	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/26 15:48
-	117	708/\$.ccls. and ((overflow or over-flow or (over adj flow))) and clamp	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/26 15:48
-	15	708/\$.ccls. and ((overflow or over-flow or (over adj flow))).ab. and clamp	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/26 15:48
-	15	(708/\$.ccls. and ((overflow or over-flow or (over adj flow))).ab. and clamp) not ((overflow or over-flow or (over adj flow)) and 708/498.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/26 15:50
-	102	(708/\$.ccls. and ((overflow or over-flow or (over adj flow))) and clamp) not (708/\$.ccls. and ((overflow or over-flow or (over adj flow))).ab. and clamp)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/26 15:50
-	81	parallel and ((708/\$.ccls. and ((overflow or over-flow or (over adj flow))) and clamp) not (708/\$.ccls. and ((overflow or over-flow or (over adj flow))).ab. and clamp))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/26 15:57
-	98	708/530.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/26 15:57
-	37	(overflow or over-flow or (over adj flow)) and 708/530.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/26 15:58
-	3097	708/490-552.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 16:42
-	824	708/490-552.ccls. and (overflow or over-flow or (over adj flow))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 16:57
-	555	(708/490-552.ccls. and (overflow or over-flow or (over adj flow))) and parallel	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 16:43
-	41	((708/490-552.ccls. and (overflow or over-flow or (over adj flow))) and parallel) and clamp	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 16:43

-	95	708/525,530.ccls. and (overflow or over-flow or (over adj flow))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 16:58
-	35	708/525,530.ccls. and ((overflow or over-flow or (over adj flow)).ti. or (overflow or over-flow or (over adj flow)).ab.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 16:58
-	34	(708/525,530.ccls. and ((overflow or over-flow or (over adj flow)).ti. or (overflow or over-flow or (over adj flow)).ab.)) not (((708/490-552.ccls. and (overflow or over-flow or (over adj flow))) and parallel) and clamp)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 16:58
-	7132	clamping adj circuit	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/03 19:56
-	111	(overflow or (over adj flow) or over-flow) and (clamping adj circuit)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/03 19:57
-	2	(fixed-point or (fixed adj point)) and ((overflow or (over adj flow) or over-flow) and (clamping adj circuit))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/04 08:18

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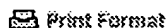
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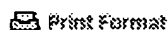
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**1 Efficient integer multiplication overflow detection circuits**
*Gok, M.; Schulte, M.J.; Balzola, P.I.;*

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Pages:1661 - 1665 vol.2

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**2 Integer multiplication with overflow detection or saturation**
*Schulte, M.J.; Balzola, P.I.; Akkas, A.; Brocato, R.W.;*

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**3 Overflow detection in the computation of convolutions by some number theoretic transforms**
*Nussbaumer, H.;*

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**4 Multilevel reverse-carry computation for comparison and for sign and overflow detection in addition**
*Lang, T.; Bruguera, J.D.;*

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**5 A general division algorithm for residue number systems**
*Chiang, J.-S.; Lu, M.;*

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**6 A novel division algorithm for the residue number system**

*Lu, M.; Chiang, J.-S.;*

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**7 A 2.4-ns, 16-bit, 0.5- $\mu$ m CMOS arithmetic logic unit for microprogrammable video signal processor LSIs**

*Suzuki, K.; Yamashina, M.; Goto, J.; Inoue, T.; Koseki, Y.; Horiuchi, T.; Hamatake, N.; Kumagai, K.; Enomoto, T.; Yamada, H.;*

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**8 Multiple core algorithms for residue number systems**

*Ray, G.A.;*

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**9 A modified definition of symmetric RNS improving scaling and overflow-detection**

*Clemens, K.;*

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**10 Improved ADPCM voice signal transmission employing click-noise detection scheme for TDMA-TDD personal communication systems**

*Kubota, S.; Dobashi, A.; Suzuki, M.; Hasumi, T.; Kato, S.;*

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**11 N bit result integer multiplier with overflow detector**

*Young Ho Cha; Gyeong Yeon Cho; Hyek Hwan Choi; Hong Bok Song;*

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**12 Programmable high-performance IIR filter chip**

*Woods, R.F.; Floyd, G.; Wood, K.; Evans, R.; McCanny, J.V.;*

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**13 High-speed single error correcting convertor for residue number processing**

*Zhang, C.N.; Cheng, H.D.;*

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**14 Implementation of a single chip, pipelined, complex, one-dimensional fast Fourier transform in 0.25  $\mu$ m bulk CMOS**

*Currie, S.M.; Schumacher, P.R.; Gilbert, B.K.; Swartzlander, E.E.; Randall, B.A.;*

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**15 Speech signal improved transmission system for personal communications**

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